# The Philosophical Restaurant

## Challenge 3: Part 1

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| Code for Challenge 3, part 1 |
| Paste the code here |

## Test Plan

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| Test No | What is being tested | Test Data | Expected outcome | Actual outcome | Evidence screenshot number | Marks Given |
| 3.1.1 | Pick a random combination of meals (2) | Run the program twice and show that different meals are selected | Meals will be different |  |  | /2 |
| 3.1.2 | Ask a total of 8 questions(2) | Show that the customer is asked to rate the meal exactly 8 times | Eight meals will be shown |  |  | /2 |
| 3.1.3 | Accept only 'y' and 'n'(2) | Enter ‘y’ | Should be accepted |  |  | /2 |
| 3.1.4 | Enter ‘n’ | Should be accepted |  |  |
| 3.1.5 | Enter ‘Y’ | Should be accepted |  |  |
| 3.1.6 | Enter ‘N’ | Should be accepted |  |  |
| 3.1.7 | Enter ‘No’ | Should be rejected |  |  |
| 3.1.8 | Enter ‘Yup’ | Should be rejected |  |  |
| 3.1.9 | Correctly count the responses (2) | Answer 'y' to all 8 questions | Score should be 8 |  |  | /2 |
| 3.1.10 |  | Answer 'n' to all 8 questions | Score should be 0 |  |  |
| 3.1.11 |  | Answer 'y' to all 4 of the questions | Score should be 4 |  |  |
| 3.1.12 | Show the results are added to a file (2) | Show the contents of your data file before and after the customer 'Eileen' answers 'y' to 3 out of 8 meals | The last line of the file should contain ‘Eileen,3’ |  |  | /2 |

## Screenshots

Paste and number your screenshots here.

## Challenge 3: Part 2

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| Code for Challenge 3, part 2 |
| Paste the code here |

## Test Plan

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| --- | --- | --- | --- | --- | --- | --- |
| Test No | What is being tested | Test Data | Expected outcome | Actual outcome | Evidence screenshot number | Marks Given |
| 3.2.1 | Get the most recent scores(2) | Enter data for the file which includes two entries for Carol - the first time she chose 'y' 5 times, the second time 6 times. | The value used for Carol was 6 |  |  | /2 |
| 3.2.2 | Sort the names(2) | Display all the customer names and scores once sorted | Sorted in order of score descending |  |  | /2 |
| 3.2.3 | Calculate the average(1) | Display the scores of all the customers for a day | Show, by doing the calculation yourself, that the average was correct. |  |  | /1 |
| 3.2.4 | Display only those above average(1) | Print the customer names and their scores for only those above average. | All scores are above the verage |  |  | 1/ |

## Screenshots

Paste and number your screenshots here.